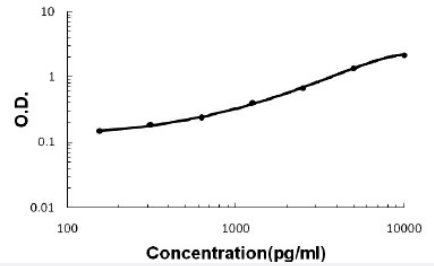
Mmp2 (Rat) ELISA Kit

Catalog # KA0393 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	Mmp2 (Rat) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of rat Mmp2.
Suitable Sample	Cell Culture Supernatant, Plasma (Heparin), Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	625 to 40,000 pg/mL
Reactivity	Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

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- Quantification

Gene Info — Mmp2

Entrez GeneID	81686
Gene Name	Mmp2
Gene Alias	-
Gene Description	matrix metallopeptidase 2
Gene Ontology	Hyperlink
Other Designations	72 KDa type IV collagenase|gelatinase A|matrix metalloproteinase 2

Publication Reference

- Genipin protects against mitochondrial damage of the retinal pigment epithelium under hyperglycemia through the AKT pathway mediated by the miR-4429/JAK2 signaling axis.

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- Intronic regulation of matrix metalloproteinase-2 revealed by in vivo transcriptional analysis in ischemia.

  Lee JG, Dahi S, Mahimkar R, Tulloch NL, Alfonso-Jaume MA, Lovett DH, Sarkar R.

  PNAS 2005 Nov; 102(45):16345.

- Structure of human pro-matrix metalloproteinase-2: activation mechanism revealed.

  Morgunova E, Tuuttila A, Bergmann U, Isupov M, Lindqvist Y, Schneider G, Tryggvason K.

  Science 1999 Jun; 284(5420):1667.

- Completion of the primary structure of the human type IV collagenase preproenzyme and assignment of the gene (CLG4) to the q21 region of chromosome 16.

  Huhtala P, Eddy RL, Fan YS, Byers MG, Shows TB, Tryggvason K.

  Genomics 1990 Mar; 6(3):554.

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